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New quantum algorithm solves key crypto problem, urges research into quantum-safe security.[Read full story](#)

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by Sebastien Rousseau (13 Feb 2024)

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A white, spherical modern device

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by Sebastien Rousseau (12 Feb 2024)

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A robotic woman with butterflies and flowers

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by Sebastien Rousseau (08 Feb 2024)

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A minimalist, modern corporate office

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by Sebastien Rousseau (29 Jan 2024)

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Man analysing data on screens

by Sebastien Rousseau (23 Jan 2024)

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A Sunset's muse, a serene glance; beauty in stillness

by Sebastien Rousseau (15 Jan 2024)

Join me on my personal journey from Rust, AI, and Quantum Computing to redefining art and photography through Alien Studio.[Read full story](#)

Qiskit & Quantum Fourier Transform for Credit Ratio Analysis

A Quantum Computer Room

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Explore how IBM Qiskit and Quantum Fourier Transform revolutionise credit ratio analysis in finance, offering unprecedented accuracy and speed.[Read full story](#)

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A Drone View of London

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A Circuit Board Cityscape

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Quantum Key Distribution Revolutionising Security in Banking

An HSBC Headquarter in London Canary Wharf Docks

by Sebastien Rousseau (11 Dec 2023)

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A DTT Logo

by Sebastien Rousseau (04 Dec 2023)

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Mathematical and Cryptographic Constants for Rust Security

A Mathematical and Cryptographic Constants

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Safeguard code integrity with meticulously vetted mathematical and cryptographic constants, bolstering memory and concurrency safety for enhanced code security.
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Streamlining Rust Library Development with Code Generation

A White Building

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Boost Rust library development with LibMakeA code generator tool that enforces best practices and generates initial code, saving developers time and effort.
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Protecting Data in the Quantum AgeThe Hash Library (HSH)

A creative illustration on Quantum computing theme

by Sebastien Rousseau (16 Oct 2023)

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A Turned off laptop computer on top of a white table

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Automating ISO 20022 Payment Files Creation with Pain001

A very tall building that has a lot of holes in it

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Streamlining the creation and compliance of ISO20022 Payment Messages for cross-border payments and reporting.[Read full story](#)

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Computer screen with trades

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Ethereum Token InterfaceUnderstanding ERC-20, which allows for the implementatio

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A story of the extraordinary journey of securing digital transactions through Private-key Cryptography and Peer-to-peer (P2P) networks.[Read full story](#)

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Physical Bitcoins

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